

What Is Claimed Is

1. A film forming antimicrobial compositon formed by admixing:
 - a) about 0.4 to 10% by weight of phenol;
 - b) about 0.4 to 10% by weight of a phenol selected from the group consisting of o-phenylphenol and chlorinated phenol;
 - c) about 0.4 to 10% by weight of a polycarboxylic acid having 2 to 4 carboxylic acid groups;
 - d) about 0.4 to 10% by weight of a compound having at least one amine group selected from the group consisting of 1, 3-propanediamine, N-9-octadecenyl, N, N, N, N₁, N₁-pentamethyl-N-tallow-N-alkyl-1, 3-propanediamine, methyltriethyl (C₆-C₁₀)-amine, oleyl amine and pentamethyl propane diammonium salt, the free amines or acid addition salts thereof; and
 - e) a solvent selected from the group consisting of water and an alkanol of 2-4 carboxylic acid groups as the remainder.
2. The composition of claim 1 wherein the polycarboxylic acid is selected from the group consisting of succinic, citric, and tartaric.
3. The composition of claim 1 in which the phenol of Group b is o-phenylphenol.
4. The composition of claim 1 in which the compound of Group d) is 1, 3-propanediamine, N-9-octadecenyl.
5. The composition of claim 1 wherein the solvent comprises ethanol.
6. The composition of claim 1 including a fragrance.
7. The composition of claim 1 wherein said fragrance is d-limonene.
8. The composition of claim 1 including non-complex phenol.

9. The composition of claim 1 including a non-complex member of Group b.

10. The composition of claim 1 including a non-complexed member of group d.

11. An antimicrobial composition containing antimicrobial complexes formed by the admixture comprising:

- a) about 0.4 to 10% by weight phenol;
- b) about 0.4 to 10% by weight o-phenylphenol;
- c) about 0.4 to 10% by weight of succinic acid;
- d) about 0.4 to 10% by weight of 1, 3-propanediamine, N-9-octadecenyl; and
- e) the remainder a solvent selected from the group consistin of ethanol and water.

12. A combination of the composition of claim 1 and a polymer capable of forming a fiber or a film.

13. The combination of claim 12 wherein said polymer is an acrylic polymer.

14. The combination of the composition of claim 12 and a cellulosic polymer.

15. The combination of the composition of claim 11 and a polymer capable of forming a fiber or a film.

16. The combination of claim 15 wherein said polymer is an acrylic polymer.